

090361

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

PTO Draftspersons review all originally filed drawings regardless of whether they are designated as prior art or information. A minimum of one patent Examiner will review the drawings for compliance with the regulations. Direct telephone inquiries concerning this review to the Drawing Review Branch, 703-305-8464.

The drawings filed (insert date) 6/14/98, are:

A. ☒ not objected to by the Draftsperson under 37 CFR 1.84 or 1.152.

B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 as indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawings must be submitted according to the instructions on the back of this Notice.

- DRAWINGS.** 37 CFR 1.84(a): Acceptable categories of drawings:
 - Black ink. Color.
 - ☐ Not black solid lines. Fig(s) _____
 - ☐ Color drawings are not acceptable until petition is granted. Fig(s) _____
- PHOTOGRAPHS.** 37 CFR 1.84(b)
 - ☐ Photographs are not acceptable until petition is granted. Fig(s) _____
 - ☐ Photographs not properly mounted (must use Bristol board or photographic double weight paper). Fig(s) _____
 - ☐ Poor quality (half tone). Fig(s) _____
- GRAPHIC FORMULAS.** 37 CFR 1.84(c)
 - ☐ Chemical or mathematical formulae not labeled as separate figure. Fig(s) _____
 - ☐ Group of waveforms not presented as a single figure, using common vertical axis with time extending along horizontal axis. Fig(s) _____
 - ☐ Individual waveforms not identified with a separate letter designation adjacent to the vertical axis. Fig(s) _____
- TYPE OF PAPER.** 37 CFR 1.84(d)
 - ☐ Paper not flexible, strong, white, smooth, nonshiny, and durable. Sheet(s) _____
 - ☐ Erasures, alterations, overwritings, interlineations, cracks, creases, and folds copy machine marks not accepted. Fig(s) _____
 - ☐ Mylar, vellum paper is not acceptable (too thin). Fig(s) _____
- SIZE OF PAPER.** 37 CFR 1.84(f): Acceptable sizes:
 - 21.6 cm. by 35.6 cm. (8 1/2 by 14 inches)
 - 21.6 cm. by 33.1 cm. (8 1/2 by 13 inches)
 - 21.6 cm. by 27.9 cm. (8 1/2 by 11 inches)
 - 21.0 cm. by 29.7 cm. (DIN size A4)
 - ☐ All drawing sheets not the same size. Sheet(s) _____
 - ☐ Drawing sheet not an acceptable size. Sheet(s) _____
- MARGINS.** 37 CFR 1.84(g): Acceptable margins:

Paper size			
21.6 cm. X 35.6 cm. (8 1/2 X 14 inches)	21.6 cm. X 33.1 cm. (8 1/2 X 13 inches)	21.6 cm. X 27.9 cm. (8 1/2 X 11 inches)	21.0 cm. X 29.7 cm. (DIN size A4)
Top (T) 2.5 cm. (1 1/8")	Top (T) 2.5 cm. (1 1/8")	Top (T) 2.5 cm. (1 1/8")	Top (T) 2.5 cm. (1 1/8")
Bottom (B) 2.5 cm. (1 1/8")	Bottom (B) 2.5 cm. (1 1/8")	Bottom (B) 2.5 cm. (1 1/8")	Bottom (B) 2.5 cm. (1 1/8")
Left (L) 2.5 cm. (1 1/8")	Left (L) 2.5 cm. (1 1/8")	Left (L) 2.5 cm. (1 1/8")	Left (L) 2.5 cm. (1 1/8")
Right (R) 2.5 cm. (1 1/8")	Right (R) 2.5 cm. (1 1/8")	Right (R) 2.5 cm. (1 1/8")	Right (R) 2.5 cm. (1 1/8")

Margins do not conform to chart above.

Sheet(s) _____

Fig. (F) _____ Left (L) _____ Right (R) _____ Bottom (B) _____
- VIEWS.** 37 CFR 1.84(h)

REMINDER: Specification may require revision to correspond to drawing changes.

 - ☐ All views not grouped together. Fig(s) _____
 - ☐ Views connected by projection lines or lead lines. Fig(s) _____
 - ☐ Partial views. 37 CFR 1.84(h) 2
 - ☐ View and enlarged view not labeled separately or properly. Fig(s) _____
 - ☐ Sectional views. 37 CFR 1.84 (h) 3
 - ☐ Hatching not indicated for sectional portions of an object. Fig(s) _____
 - ☐ Cross section not drawn same as view with parts in cross section with regularly spaced parallel oblique strokes. Fig(s) _____
- ARRANGEMENT OF VIEWS.** 37 CFR 1.84(i)
 - ☐ Words do not appear on a horizontal, left to right basis when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____
- SCALE.** 37 CFR 1.84(k)
 - ☐ Scale too large enough to show necessary detail. Fig(s) _____
 - ☐ Even drawing is reduced in size to avoid this. Fig(s) _____
 - ☐ Indication such as "actual size" or "scale 1/2 inch per inch". Fig(s) _____
- CHARACTER OF LINES, STROKES, & LETTERING.** 37 CFR 1.84(l)
 - ☒ Lines, numbers, letters, and other markings not uniform in thickness. Fig(s) _____
 - ☒ Lines, numbers, letters, and other markings not uniform in thickness. Fig(s) _____
 - ☒ Lines, numbers, letters, and other markings not uniform in thickness. Fig(s) _____
- SHADING.** 37 CFR 1.84(m)
 - ☐ Solid black shading areas not permitted. Fig(s) _____
 - ☐ Shade lines, pale, rough and blurred. Fig(s) _____
- NUMBERS, LETTERS, & REFERENCE CHARACTERS.** 37 CFR 1.84(p)
 - ☐ Numbers and reference characters not plain and legible. 37 CFR 1.84(p)(1) Fig(s) _____
 - ☐ Numbers and reference characters not oriented in same direction as the view. 37 CFR 1.84(p)(1) Fig(s) _____
 - ☐ English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) _____
 - ☐ Numbers, letters, and reference characters do not measure at least .32 cm. (1/8 inch) in height. 37 CFR(p)(3) Fig(s) _____
- LEAD LINES.** 37 CFR 1.84(q)
 - ☐ Lead lines cross each other. Fig(s) _____
 - ☐ Lead lines missing. Fig(s) _____
- COMBINING OF SYMBOLS OF DRAWINGS.** 37 CFR 1.84(r)
 - ☐ Symbols not combined consistently, and in Arabic numerals, beginning with number 1. Fig(s) _____
- NUMBER OF VIEWS.** 37 CFR 1.84(s)
 - ☐ Views not indicated consistently and in Arabic numerals, beginning with number 1. Fig(s) _____
 - ☐ View numbers not preceded by the above section Fig. Fig(s) _____
- CORRECTIONS.** 37 CFR 1.84(w)
 - ☐ Corrections not made prior to PTO-946. Fig(s) _____
- DESIGN DRAWING.** 37 CFR 1.152
 - ☐ Surface shading shown not appropriate. Fig(s) _____
 - ☐ Solid black shading not used for color contrast. Fig(s) _____

COMMENTS:

4 D 6/30/98